

=> FILE HCAPLUS

FILE 'HCAPLUS' ENTERED AT 12:26:48 ON 15 MAR 2002

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FILE COVERS 1907 - 15 Mar 2002 VOL 136 ISS 12

FILE LAST UPDATED: 14 Mar 2002 (20020314/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> D QUE L13

L1	1	SEA FILE=REGISTRY ABB=ON	ALUMINA/CN
L2	176765	SEA FILE=HCAPLUS ABB=ON	L1
L3	263578	SEA FILE=HCAPLUS ABB=ON	(L2 OR ALUMINA/BI) OR AL2 O3 OR (ALUMINUM OR ALUMIUM) (W)OXIDE#
L4	7156	SEA FILE=HCAPLUS ABB=ON	PLASMA?(3A)?RESIST?
L5	7156	SEA FILE=HCAPLUS ABB=ON	L4 OR PLASMA(W)RESIST?
L6	379	SEA FILE=HCAPLUS ABB=ON	L3 AND L5
L7	187	SEA FILE=HCAPLUS ABB=ON	L6 AND CERAMIC?/SC, SX
L8	41	SEA FILE=HCAPLUS ABB=ON	L7 AND (APPARATU? OR PART# OR RING# OR CLAMP# OR MEMBER#)
L9	15763	SEA FILE=HCAPLUS ABB=ON	L3(L)DEV/RL
L10	14	SEA FILE=HCAPLUS ABB=ON	L8 AND L9
L11	68	SEA FILE=HCAPLUS ABB=ON	L9 AND L5
L12	9	SEA FILE=HCAPLUS ABB=ON	L11 AND (DENSE OR DENSITY OR D)
L13	21	SEA FILE=HCAPLUS ABB=ON	L10 OR L12

=> FILE WPIX

FILE 'WPIX' ENTERED AT 12:27:00 ON 15 MAR 2002

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FILE LAST UPDATED: 13 MAR 2002

<20020313/UP>

MOST RECENT DERWENT UPDATE

200217

<200217/DW>

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

KATHLEEN FULLER EIC 1700/LAW LIBRARY 308-4290

>>> SDI'S MAY BE RUN ON EVERY UPDATE OR MONTHLY AS OF JUNE 2001.
(EVERY UPDATE IS THE DEFAULT). FOR PRICING INFORMATION
SEE HELP COST <<<

>>> FOR UP-TO-DATE INFORMATION ABOUT THE DERWENT CHEMISTRY
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<http://www.derwent.com/chemistryresource/index.html> <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES,
SEE <http://www.derwent.com/dwpi/updates/dwpcov/index.html> <<<

=> D QUE L18

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W) OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W) RESIST?
L14 53 SEA FILE=WPIX ABB=ON L3 AND L5
L15 16 SEA FILE=WPIX ABB=ON L14 AND C04B035?/IC
L16 4 SEA FILE=WPIX ABB=ON L14 AND B01J0?/IC
L17 2 SEA FILE=WPIX ABB=ON L14 AND H05H0?/IC
L18 18 SEA FILE=WPIX ABB=ON (L15 OR L16 OR L17)

=> FILE INSPEC

FILE 'INSPEC' ENTERED AT 12:27:14 ON 15 MAR 2002
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FILE LAST UPDATED: 11 MAR 2002 <20020311/UP>
FILE COVERS 1969 TO DATE.

=> D QUE L28

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W) OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W) RESIST?
L19 39 SEA FILE=INSPEC ABB=ON L3 AND L5
L20 2 SEA FILE=INSPEC ABB=ON L19 AND (APPARATU? OR PART# OR RING#
OR CLAMP# OR MEMBER#)
L21 25579 SEA FILE=INSPEC ABB=ON ALUMINA+NT/CT
L22 25 SEA FILE=INSPEC ABB=ON L21 AND (PLASMA RESIST? OR PLASMA(2A) RES
IST?)
L23 0 SEA FILE=INSPEC ABB=ON L22 AND (APPARATU? OR PART# OR RING#
OR CLAMP# OR MEMBER#)
L25 3574 SEA FILE=INSPEC ABB=ON PLASMA(3A) TREAT?
L26 0 SEA FILE=INSPEC ABB=ON L22 AND L25
L27 0 SEA FILE=INSPEC ABB=ON L19 AND L25
L28 2 SEA FILE=INSPEC ABB=ON L20 OR L23 OR (L26 OR L27)

=> FILE JICST

FILE 'JICST-EPLUS' ENTERED AT 12:27:26 ON 15 MAR 2002
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FILE COVERS 1985 TO 11 MAR 2002 (20020311/ED)

THE JICST-EPLUS FILE HAS BEEN RELOADED TO REFLECT THE 1999 CONTROLLED TERM (/CT) THESAURUS RELOAD.

=> D QUE L31

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W)OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W)RESIST?
L29 13 SEA FILE=JICST-EPLUS ABB=ON L3 AND L5
L31 0 SEA FILE=JICST-EPLUS ABB=ON L29 AND PLASMA(2A)TREAT?

=> D QUE L32

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W)OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W)RESIST?
L29 13 SEA FILE=JICST-EPLUS ABB=ON L3 AND L5
L30 1 SEA FILE=JICST-EPLUS ABB=ON L29 AND PLASMA RESIST?
L31 0 SEA FILE=JICST-EPLUS ABB=ON L29 AND PLASMA(2A)TREAT?
L32 1 SEA FILE=JICST-EPLUS ABB=ON L30 OR L31

=> FILE JAPIO

FILE 'JAPIO' ENTERED AT 12:28:07 ON 15 MAR 2002
COPYRIGHT (C) 2002 Japanese Patent Office (JPO)FILE LAST UPDATED: 07 MAR 2002 <20020307/UP>
FILE COVERS 1976 THROUGH NOV 30, 2001

=> D QUE L41

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W)OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W)RESIST?
L33 43 SEA FILE=JAPIO ABB=ON L3 AND L5
L34 25 SEA FILE=JAPIO ABB=ON L33 AND (APPARATU? OR PART# OR RING# OR
CLAMP# OR MEMBER#)
L35 7 SEA FILE=JAPIO ABB=ON L33 AND DEVICE#
L36 26 SEA FILE=JAPIO ABB=ON L34 OR L35
L37 5 SEA FILE=JAPIO ABB=ON L36 AND PLASMA(2A)TREAT?
L38 17 SEA FILE=JAPIO ABB=ON L33 AND C04B035?/IC
L39 3 SEA FILE=JAPIO ABB=ON L33 AND B01J0?/IC
L40 25 SEA FILE=JAPIO ABB=ON L33 AND H01L0?/IC
L41 30 SEA FILE=JAPIO ABB=ON L37 OR L38 OR L39 OR L40

=> FILE COMPEN

FILE 'COMPENDEX' ENTERED AT 12:28:20 ON 15 MAR 2002
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FILE LAST UPDATED: 11 MAR 2002 <20020311/UP>
FILE COVERS 1970 TO DATE.

=> D QUE L47

L1 1 SEA FILE=REGISTRY ABB=ON ALUMINA/CN
L2 176765 SEA FILE=HCAPLUS ABB=ON L1
L3 263578 SEA FILE=HCAPLUS ABB=ON (L2 OR ALUMINA/BI) OR AL2 O3 OR
(ALUMINUM OR ALUMIUM) (W)OXIDE#
L4 7156 SEA FILE=HCAPLUS ABB=ON PLASMA?(3A)?RESIST?
L5 7156 SEA FILE=HCAPLUS ABB=ON L4 OR PLASMA(W)RESIST?
L42 29 SEA FILE=COMPENDEX ABB=ON L3 AND L5
L43 0 SEA FILE=COMPENDEX ABB=ON L42 AND PLASMA(2A)TREAT?
L44 9 SEA FILE=COMPENDEX ABB=ON L42 AND (APPARATU? OR PART# OR
RING# OR CLAMP# OR MEMBER# OR DEVICE#)
L45 1 SEA FILE=COMPENDEX ABB=ON L42 AND SEMICONDUCT?
L46 0 SEA FILE=COMPENDEX ABB=ON L42 AND PLASMA RESIST?
L47 9 SEA FILE=COMPENDEX ABB=ON (L43 OR L44 OR L45 OR L46)

=> DUP REM L13 L18 L28 L32 L41 L47

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PROCESSING COMPLETED FOR L18
PROCESSING COMPLETED FOR L28
PROCESSING COMPLETED FOR L32
PROCESSING COMPLETED FOR L41
PROCESSING COMPLETED FOR L47

L48 75 DUP REM L13 L18 L28 L32 L41 L47 (6 DUPLICATES REMOVED)

=> D ALL 1-48

L48 ANSWER 1 OF 75 HCAPLUS COPYRIGHT 2002 ACS
AN 2001:857455 HCAPLUS
DN 135:375447
TI Manufacture of alumina ceramics having good corrosion resistance
to fluorine-type plasma and gases
IN Iwai, Akihito; Matsumoto, Katsuki
PA Hitachi Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF

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